

WHAT IS CLAIMED IS:

1. A sealing gasket for mounting on a support that is to receive it, in particular on a motor vehicle door, the support presenting at least one corner of small radius of curvature, the gasket comprising at least a flexible or
5 semi-rigid fixing portion fixed to its support by an adhesive, and an elastically-deformable tubular portion for providing sealing, wherein once the gasket has been mounted on its support, the elastically-deformable
10 portion is such that in said corner of the support, its right section is subjected to deformation that occupies an area that lies substantially within the area occupied by the right section of the gasket when in the free state.
- 15 2. A sealing gasket according to claim 1, in which the elastically-deformable portion of the gasket is given a shape extending from its fixing portion that is substantially triangular, with two lateral pillars united
20 with each other by an arch and forming between them an angle of about 10° to 30° , said angle being defined using two straight lines passing substantially through the middles of the pillars at $2/5$ ths and at $4/5$ ths of the total height of the gasket measured from its fixing
25 portion.
3. A sealing gasket according to claim 2, in which an angle is formed that is about 20° between the two pillars of the elastically-deformable portion of the gasket.
- 30 4. A support gasket according to claim 2, in which the inner and outer top portions of the arch of the elastically-deformable portion are generally situated on two circles having centers that are spaced apart from
35 each other by a distance of more than 0.7 mm.

5. A sealing gasket according to claim 1, in which a loss of gasket height is obtained in a corner of small radius of curvature of the support that is no greater than 2.5 mm for a corner having a radius of curvature that is less than or equal to 80 mm and extending over an angle that is less than or equal to 80° .

6. A sealing gasket according to claim 1, in which the shape of the arch interconnecting the two pillars of the elastically-deformable portion of the gasket is such that said zone which provides sealing presents, in right cross-section, reduced thickness which makes it easier for a robot to position the gasket on the support receiving it.

7. A sealing gasket according to claim 1, in which the fixing portion includes bearing portions situated substantially on either side of the adhesive in order to limit the deformation of the gasket in a corner of small radius of curvature of the support receiving the gasket.

8. A sealing gasket according to claim 1, in which the fixing portion of the gasket presents at least one thread or reinforcement for providing assistance in assembly by limiting the extent to which it can be lengthened while it is being put into place.

9. A sealing gasket according to claim 1, in which means are provided for weakening the compressibility forces of a gasket.

10. A sealing gasket according to claim 9, in which said means are constituted by at least one hinge-forming line of weakness formed in the elastically-deformable portion of the gasket.

11. A sealing gasket according to claim 1, in which the gasket is suitable for bearing laterally against its support so as to encourage holding of its elastically-deformable gasket.

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12. A sealing gasket according to claim 1, in which the gasket is mounted directly on its support without being subjected to any specific treatment operation in a corner of the support having a small radius of curvature.

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13. A sealing gasket according to claim 1, in which the gasket is stored and supplied to an assembly line on a drum, a pallet, or a container of great length.